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# SEMINARS

AUTHOR(S):

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RIGHT:

## SEMINARS

Professor Fred Wudl  
Department of Chemistry and Biochemistry, University  
of California, Los Angeles, U.S.A.  
"Recent Advances in Heterocycles for Organic Materials"  
Tuesday 11 January 2000

Professor Rajeshwar N. Sharan  
Department of Biochemistry, North-Eastern Hill  
University, India  
"Non-random, sequence dependent interaction of  
radiation with plasmid DNA"  
Monday 17 January 2000

Dr. Koichi Fukase  
Graduate School of Science, Osaka University  
Towards Efficient Synthesis of Glyco Chains:  
Development of New Glycosylation Reactions and Rapid  
Glyco Synthesis  
Tuesday 18 January 2000

Professor Uwe H. F. Bunz  
Department of Chemistry and Biochemistry, The  
University of South Carolina, U.S.A.  
"Cyclobutadiene Complexes as Scaffold for  
Organometallic Materials"  
Wednesday 26 January 2000

Professor Yoshio Hirai  
Toyama University, Japan  
"Development of Stereoselective Cyclization using  
Palladium(II) Catalysts and its Application to Natural  
Products Synthesis"  
Wednesday 26 January 2000

Professor Susumu Okazaki  
Tokyo Institute of Technology, Japan  
"Computer simulations of phospholipid bilayers"  
Wednesday 26 January 2000

Professor Robert A. Pascal, Jr.  
Department of Chemistry, Princeton University, U.S.A.  
"Polyphenyl Polycyclic Aromatic Compounds"  
Wednesday 26 January 2000

Professor Junji Watanabe  
Tokyo Institute of Technology  
"Polymer Liquid Crystals with Large Dipole Moments"  
Wednesday 26 January 2000

Dr. Marie-Emmanuelle Couprie  
CEA/LURE, France  
"The interplay between the FEL and the electron beam in  
the case of the storage ring FEL Super-ACO"  
Monday 31 January 2000

Professor Kazukiyo Kobayashi  
Nagoya University  
"Developments of Artificial Complex Carbohydrate  
Polymers to Material Life Technology"

Tuesday 1 February 2000

Dr. Marie-Emmanuelle Couprie  
CEA/LURE, France  
"The Super-ACO FEL source"  
Thursday 3 February 2000

Professor Masayasu Inoue  
1st Department of Biochemistry, Osaka City University  
Medical School  
"Supersystem of Oxygen Metabolism and Life-sustaining  
Mechanism"  
Thursday 3 February 2000

Doctor Miroslav Nývlt  
Institute of Physics, Charles University, Czech Republic  
"Some Remarks about Recent Understanding of  
Antiferromagnetic-Ferromagnetic Exchange Interaction"  
Thursday 10 February 2000

Professor Hisanori Suzuki  
Institute of Biochemistry, Faculty of Medicine, University  
of Verona, Italy  
"A Cross-talk between Different NO Synthases"  
Thursday 10 February 2000

Professor Parthasarathy Ganguly  
National Chemical Laboratory, Pune, India  
"ATOMIC SIZE : A NEW APPROACH"  
Wednesday 1 March 2000

Professor Gernot Güntherodt  
II. Physikalisches Institut, RWTH Aachen, Germany  
"Microscopic Origin of Exchange Bias at Ferro/  
Antiferromagnetic Interfaces"  
Monday 6 March 2000

Doctor Daniel T. Pierce  
National Institute of Standards and Technology, U.S.A.  
"Magnetic Order in Fe/Cr Multilayers"  
Monday 6 March 2000

Dr. Eiji Kikutani  
High Energy Accelerator Research Organization (KEK),  
Japan  
"Commissioning of KEKB and Bunch Selection System"  
Wednesday 15 March 2000

Dr. Joerg Lohmar  
Degussa Hüls AG, Marl, Germany  
"Polyetherblockamides - High Performance TPE for High  
Performance Applications"  
Tuesday 21 March 2000

Dr Yuich Shimakawa  
NEC Corporation  
"Recent Topics in Crystal Structure Analysis"  
23 March 2000

Dr. Han Young Hwan  
Korea Atomic Energy Research Institute (KAERI), Korea  
“Investigation of Cesium Telluride Photocathode for Free  
Electron Laser”  
Monday 27 March 2000

Professor Naoto Nagaosa  
School of Engineering, University of Tokyo  
“Anomalous Hall Effect in the Frustrated Ferromagnet”  
Tuesday 28 March 2000

Professor Tsuneo Okubo  
Faculty of Engineering, Gifu University, Gifu, Japan  
“Beautiful World of Colloid Crystals”  
Friday 21 April 2000

Professor Jin Q Kim  
Department of Clinical Pathology, Seoul National  
University College of Medicine, Korea  
“The Genetic Basis of Atherosclerosis among Koreans”  
Monday 24 April 2000

Doctor Ralf Haßdorf  
Center of Advanced European Studies and Research,  
Germany  
“Smart Materials”  
Thursday 11 May 2000

Dr. Tae-Yeon Lee  
Pohang Accelerator Laboratory, Korea  
“The operational status of PLS”  
Wednesday 24 May 2000

Professor Takeshi Kawase  
Graduate School of Science, Osaka University, Japan  
“Supramolecular Chemistry of Curved Conjugated  
System - Complex Formation between the Belt-shaped  
Conjugated Molecule and Fullerenes”  
Thursday 25 May 2000

Professor F. Brochard Wyart  
University Pierre et Marie Curie, Paris, France  
“Dynamics of Wetting”  
Friday 26 May 2000

Professor P. G. de Gennes  
College of France, Paris, France  
“Strange Glass Transitions of Polymer Films”  
Friday 26 May 2000

Professor Thomas B. Jones  
University of Rochester  
“Liquid Microdielectrophoresis”  
Friday 26 May 2000

Doctor Wolfgang Kuch  
Max-Planck-Institut für Mikrostrukturphysik, Germany  
“Magnetic Domain Imaging by Photoelectron Emission  
Microscopy”  
Thursday 1 June 2000

Professor Giuseppe Marrucci  
Universita degli Studi di Napoli  
“Molecular Modeling of Polymer Rheology in Fast  
Flows”  
Wednesday 7 Jun 2000

Dr. Hans-Peter Fleischmann  
Department of Applied Biological Chemistry,  
Shizuoka University  
Carotenoid Derived Aroma Formation in Quince, Starfruit  
and Rose Flowers  
Thursday 8 June 2000

Professor Hirobumi Teraoka  
Medical Research Institute, Tokyo Medical and Dental  
University  
“Current Research of DNA-department Protein Kinase”  
Monday 12 June 2000

Professor Tomiki Ikeda  
Tokyo Institute of Technology, Tokyo, Japan  
“Application of Refractive Index Modulation on the Basis  
of Optically-Controlled Liquid Crystal Orientation to  
Optical Devices”  
Friday 16 June 2000

Professor Alastair N. Cormack  
School of Ceramic Engineering & Material Science, The  
New York State College of Ceramics at Alfred University,  
USA  
“The Computer simulation of silicate glass and melt at  
atomic scale”  
Thursday 6 July 2000

Dr. Mark Johnson  
Institut Laue-Langevin, Grenoble, France  
“Proton Tunnelling in the Solid State - from Molecular  
Rotors to Hydrogen Bonds”  
Wednesday 12 July 2000

Professor David I. Schuster  
Department of Chemistry, New York University, U.S.A.  
“Synthesis, Photochemistry and Biological Activity of  
Fullerene Derivatives”  
Thursday 13 July 2000

Professor Shigetaka Shimada  
Nagoya Institute of Technology, Nagoya, Japan  
“Structure, Molecular Motion, and Aggregation Process  
of Isolated Polymer Chains on a Solid Surface”  
Friday 21 July 2000

Professor Jung Il Nam  
Korea Institute of Science and Technology  
“Organosilicon Chemistry Researches at KIST”  
Saturday 22 July 2000

Professor François Mathey  
Ecole Polytechnique, Palaiseau, France  
“Phosphinines and Phosphametalloenes: the  
Coordination Chemistry of 6 $\pi$ -Aromatic Ligands”  
Friday 28 July 2000

Associate Professor Jun-ichiro Ishibashi  
Department of Earth & Planetary Sciences  
Faculty of Science, Kyushu University  
“Hydrothermal Geochemistry of Trace Elements”  
Wednesday 9 August 2000

Professor Albert Fert  
Unité Mixte de Physique CNRS-Thomson and Université  
Paris-Sud, France  
“CPP GMR in Nanowires”  
Thursday 31 August 2000

Dr Junichiro Mizuki  
Synchrotron Radiation Research Center, Japan Atomic  
Energy Research Institute  
“Interface Structure Study with Anomalous X-ray  
Scattering Effect”  
Tuesday 5 September 2000

Professor Seizo Miyata  
Tokyo University of Agriculture & Technology, Tokyo,  
Japan  
“Organic Electroluminescence Devices”  
Saturday 9 September 2000

Professor Junji Watanabe  
Tokyo Institute of Technology, Tokyo, Japan  
“Main-Chain Type of Polymer Liquid Crystals”  
Saturday 9 September 2000

Professor Xiaojiang Hao  
Kunming Institute of Botany, China  
“Studies on Natural Nitrogen Containing Compounds”  
Monday 11 September 2000

Dr. Shigenobu Toki  
University of Akron, Akron, U.S.A.  
“Elongation Crystallization of Natural Rubber”  
Monday 11 September 2000

Professor Ashok. Date  
National Chemical Laboratory, India  
“Low Temperature Synthesis and Characterization of Ni-  
Zn Ferrites”  
Tuesday 26 September 2000

Prof. Sang-Soo Kwak  
Plant Cell Biotechnology Laboratory,  
Korea Research Institute of Bioscience and Biotechnology  
(KRIBB), Korea  
Metabolic Engineering of Antioxidative Mechanism in  
Transgenic Plants  
Tuesday 3 October 2000

Professor Yoshinori Tokura  
University of Tokyo  
“Photo Spectroscopy of Strongly Correlated Materials”  
Thursday 12 October 2000

Professor Werner Keune  
Gerhard-Mercator-Universität Duisburg, Germany  
“Observation of the BCC-to-FCC Bain Transformation

in Epitaxial Fe Ultrathin Films on Cu<sub>3</sub>Au (001)”  
Friday 13 October 2000

Professor Motonari Uesugi  
Department of Biochemistry and Molecular Biology,  
Baylor College of Medicine, Texas, USA  
“Transcriptional Activation and Drug Discovery”  
Saturday 14 October 2000

Dr. Kiyozo Asada  
Takara Shuzo Co. Ltd.  
“An *in vitro* new procedure for gene amplification”  
Wednesday 25 October 2000

Professor Dietmar Seyferth  
Massachusetts Institute of Technology  
“The Organometallic Chemistry of Ambident Dianions.  
Reactions of Group 4 Metallocene Dichlorides and  
Organosilicon Dihalides with Acetone Dianions. A New  
Synthesis of Polythioallenes”  
Tuesday 31 October 2000

Dr. Nita Dragoe  
Graduate School of Engineering, The University of Tokyo,  
Japan  
“The Synthesis of an Unsymmetrical Bisfullerene.  
Evidence for the Presence of Both Fulleroid and  
Methanofullerene Bonding Patterns in the Same  
Molecule”  
Wednesday 1 November 2000

Doctor Peter Fischer  
“Imaging of Magnetic Domains with High Resolution Soft  
X-Ray Microscopy”  
Universität Würzburg, Germany  
Wednesday 1 November 2000

Doctor Thibaut Devolder  
Université Paris-Sud, France  
“Irradiation-Induced Magnetic Patterning: Basic  
Phenomena, Nanostructure Fabrication and Potential  
Applications”  
Tuesday 7 November 2000

Dr. Michael Beutelspacher  
Max-Planck-Institut für Kernphysik Heidelberg, Germany  
“Results on Electron Cooling at the TSR”  
Tuesday 7 November 2000

Dr. Jean Claude Wittmann  
Institut Charles Sadron, Strasbourg, France  
“Nucleation of Poly(vinylidene fluoride) and its Blends  
by Poly(tetrafluoroethylene)”  
Friday 10 November 2000

Professor Marie-Claire Bellissent-Funel  
Laboratoire Leon Brillouin, CEA, France  
“Neutron Scattering Studies of Supercritical Water”  
Tuesday 14 November 2000

Professor Russel, Christian  
Otto-Schott-Institute, Friedrich Schiller University, Jena,

German  
 “Redox behaviour of glass melts”  
 Monday 20 November 2000

Doctor Peter D. Olmsted  
 Department of Physics & Astronomy, University of Leeds,  
 Leeds, U. K.  
 “Spinodal-Assisted Crystallization in Polymer Melts”  
 Friday 24 November 2000

Dr. Anil G. Gaonkar  
 Kraft Co. Chicago, USA  
 “Developments and Applications of Microemulsions in  
 Food Industry”  
 Sunday 26 November 2000

Dr. Le Xuan Hien  
 Institute for Tropical Technology, Vietnam National  
 Center for Natural Science & Technology, Hanoi, Vietnam  
 “Design of Speciality Polymers by the Use of Chemical  
 Modification of Natural Products”  
 Tuesday 28 November 2000

Professor Peter Kundig  
 University of Geneva, Switzerland  
 “Transition Metal and Lewis Acids in Asymmetric

Synthesis and Catalysis  
 Saturday 2 December 2000

Professor Toru Masuko  
 Faculty of Engineering, Yamagata University, Yonezawa,  
 Japan  
 “Rheology of Smectite/Water Suspensions”  
 Monday 4 December 2000

Professor Semion Kuchanov  
 Moscow State University  
 “Theory of Living Radical Copolymerization”  
 Monday 11 December 2000

Dr. Tomonori Uesugi  
 National Institute of Radiological Sciences, Japan  
 “Experimental study of a half integer resonance with space  
 charge effects in a synchrotron”  
 Thursday 14 December 2000

Professor Parthasarathy Ganguly  
 National Chemical Laboratory, Pune, India  
 On the Systematics of Insulator-Metal Transition: (La,Sr)  
 CoO<sub>3</sub> system  
 Thursday 21 December 2000